

CHAPTER - 7

REACHING THE AGE OF ADOLESCENCE

I. TECHNICAL TERMS:

1. **Pituitary gland**: The Master gland which controls the activities of other glands.
2. **Thyroxine**: The hormone secreted by thyroid gland.
3. **Ovulation**: The process by which a mature ovum is released from an ovary is called ovulation.

II. ANSWER THE FOLLOWING:

1. **Why do acne and pimples appear during adolescence period?**

Ans Acne and pimples appear during adolescence period because of hormone changes. One of the most important causes is the increase in the activity of sweat and sebaceous glands. The increased production of sebum results in acne.

2. **Name the hormone which control metamorphosis in frog?**

Ans Thyroxine hormone which is produced by thyroid controls the metamorphosis in frog.

3. **What is the adolescence? when does it begin and end?**

Ans The stage between childhood and adulthood is called adolescence. Adolescence usually starts from the age of 11 years and lasts up to the age of about 18-19 years.

III Give reason:

1. Why does the pelvic area in girls broaden at puberty?

Ans The pelvic area in girls broadens at Puberty in comparison to boys. primarily, the pelvis acts as the Main support for the upper part of our body. It transmits our body's weight to our legs. The difference between the Male and female Pelvis reflects the female function of reproduction and child birth.

Since the reproductive organs of Male and female Mature at Puberty, the Pelvic area of females acts as protective structure for the reproductive organs the uterus and the ovaries - as well as the bladder and rectum.

Moreover, the female Pelvis is designed for child birth therefore the pelvic cavity is much broader with sufficient space to carry a baby.